

D-2821CON

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Lang
Serial No.: N/A
Filed: herewith
For: MULTIFOCAL PHAKIC
INTRAOCULAR LENS

)
)
) Examiner: N/A (Prior:
) Chattopadhyay, U)
)
) Group Art Unit: N/A
) (Prior: 3738)

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, Washington, DC 20231, on or before

Title

Date

PRELIMINARY AMENDMENT

Commissioner for Patents
Washington, D.C. 20231

Dear Sir:

Please amend the above-identified application as follows:

IN THE DRAWINGS:

Amended Figs. 1, 3 and 6, with corrections circled and marked in red, are submitted herewith. Upon the Examiner's approval, new formal drawings including the proposed corrections will be filed.

IN THE SPECIFICATION:

Please amend the specification as follows:

On page 1; insert the following as the first paragraph:

--This application is a continuation of Serial No.: 09/302,977, filed April 30, 1999, the entire disclosure of each of which is hereby incorporated by reference herein.--

On page 8; delete lines 9 to 17 and insert in place thereof as follows:

-- Referring now to Figs. 1 and 2, an intraocular lens (IOL) according to the present invention, shown generally at 10, includes a multifocal lens body 12 having a plurality of optical powers, as described hereinafter. Radially extending fixation members or haptics 14 terminate in distal ends 16. As shown in Fig. 1, intraocular lens 10 is inserted in the anterior chamber 18 of eye 20 with the distal ends 16 of fixation members 14 in contact with the angle 22 of the iris 24.--

On page 15; delete the second full paragraph and insert in place therefor as follows:

--Fig. 7 shows IOL 210 comprised of a lens body 212, and two opposing elongated fixation members or haptics 214. Each fixation member 214 has a proximal segment 66 attached to the lens body 212 near the periphery of the lens body. Each fixation member 214 also has a distal segment 68 and an intermediate segment 70 joining the proximal segment 66 and the distal segment 68. The distal segment 68 preferably is more flexible than the other portions of each of the fixation member 214. For example, distal segment 68 can have a reduced cross-sectional area relative to the cross-sectional areas of intermediate segment 70 and proximal segment 66.--

IN THE CLAIMS:

Cancel claims 1 to 25, without prejudice.

Add new claims 26 to 39 as follows:

26. (New Claim) An intraocular lens for improving the vision of a patient comprising:

a multifocal lens body sized and adapted for placement in

an eye and having a maximum optical add power less than the optical add power required for full near vision correction.

27. (New Claim) The intraocular lens of claim 26 wherein the lens body includes at least one region for enhancing near vision.

28. (New Claim) The intraocular lens of claim 27 wherein the maximum optical add power is at least about 10% less than the optical add power required for full near vision correction.

29. (New Claim) The intraocular lens of claim 27 wherein the maximum optical add power is at least about 20% less than the optical add power required for full near vision correction.

30. (New Claim) The intraocular lens of claim 27 wherein the maximum optical add power is at least about 30% less than the optical add power required for full near vision correction.

31. (New Claim) The intraocular lens of claim 27 wherein the maximum optical add power is at least about 50% less than the optical add power required for full near vision correction.

32. (New Claim) The intraocular lens of claim 26 wherein the lens body includes a plurality of regions for enhancing near vision.

33. (New Claim) The intraocular lens of claim 26 which further comprises a fixation member coupled to the lens body and adapted to facilitate fixating the intraocular lens in the eye.

34. (New Claim) The intraocular lens of claim 26 wherein the lens body is adapted to be placed in an anterior chamber of the eye.

35. (New Claim) The intraocular lens of claim 26 wherein the

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lens body is adapted to be placed in a posterior chamber of the eye.

36. (New Claim) The intraocular lens of claim 26 wherein the lens body is deformable for insertion through a small incision into the eye.

37. (New Claim) An intraocular lens for use with an eye of a patient comprising a multifocal lens body having an optical axis and a maximum optical add power less than the optical add power required for full near vision correction.

38. (New Claim) The intraocular lens of claim 37 wherein the lens body includes a baseline optical power and at least one region for enhancing near vision.

39. (New Claim) The intraocular lens of claim 38 wherein the maximum optical add power is at least about 10% less than the optical add power required for full near vision correction.

40. (New Claim) The intraocular lens of claim 38 wherein the maximum optical add power is at least about 20% less than the optical add power required for full near vision correction.

41. (New Claim) The intraocular lens of claim 38 wherein the maximum optical add power is at least about 30% less than the optical add power required for full near vision correction.

42. (New Claim) The intraocular lens of claim 38 wherein the maximum optical add power is at least about 50% less than the optical add power required for full near vision correction.

43. (New Claim) The intraocular lens of claim 37 wherein the lens body includes a plurality of regions for enhancing near vision.

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44. (New Claim) The intraocular lens of claim 37 which further comprises a fixation member coupled to the lens body and adapted to facilitate fixating the intraocular lens in the eye.

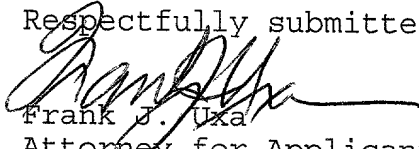
45. (New Claim) The intraocular lens of claim 37 wherein the lens body is deformable for insertion through a small incision into the eye.

REMARKS

The specification has been amended to make clear the relationship of the above-identified application to the parent application. In addition, the specification and drawings have been amended to be consistent with the amendments made in the parent application. Claims 1 to 25 have been cancelled, without prejudice. New Claims 26 to 45 have been added and are directed to embodiments for which patent protection is sought. Each of these claims is fully supported by the originally filed specification.

Applicant respectfully requests early and favorable action in the above-identified application.

Respectfully submitted,


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(949) 450-1750
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FJUxa/jm

Attachment: Version with markings to show changes made

VERSION WITH MARKINGS TO SHOW CHANGES MADE

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Amended Figs. 1, 3 and 6, with corrections circled and marked in red, are submitted herewith. Upon the Examiner's approval, new formal drawings including the proposed corrections will be filed.

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On page 8; lines 9 to 17, revise as follows:

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have a reduced cross-sectional area relative to the cross-sectional areas of intermediate segment 70 and proximal segment 66.--

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DOCKET NO.: D-2821CON

THE ENCLOSED PATENT APPLICATION OF LANG IS BEING FILED IN
ACCORDANCE WITH SECTION 37 CFR 1.10 BY EXPRESS MAIL AND
SHOULD BE ACCORDED A FILING DATE OF:

September 20, 2001

SEE THE EXPRESS MAIL CERTIFICATE ATTACHED TO THE APPLICATION.

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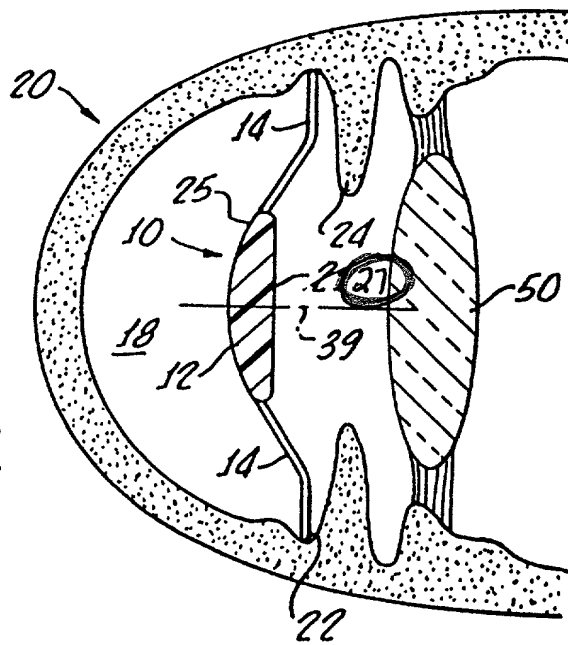


FIG. 1.

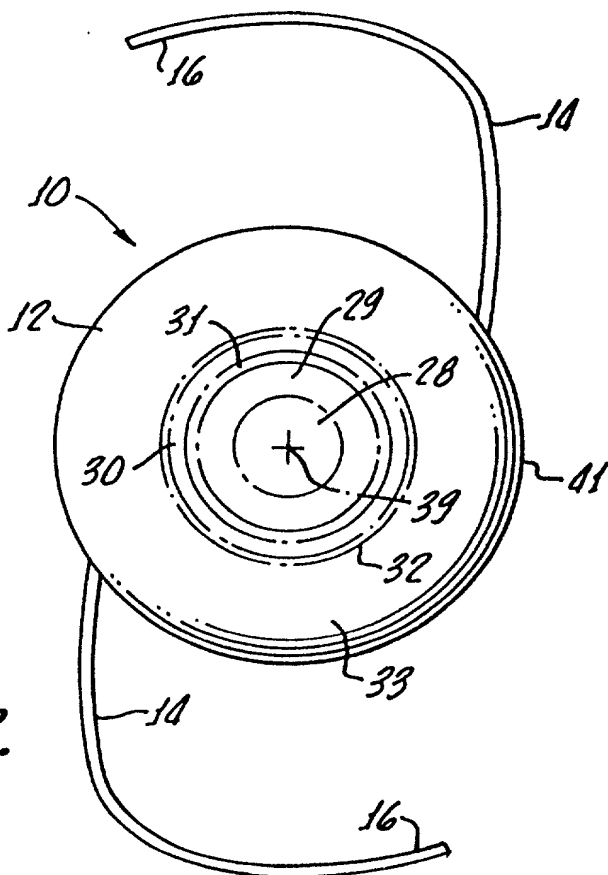


FIG. 2.

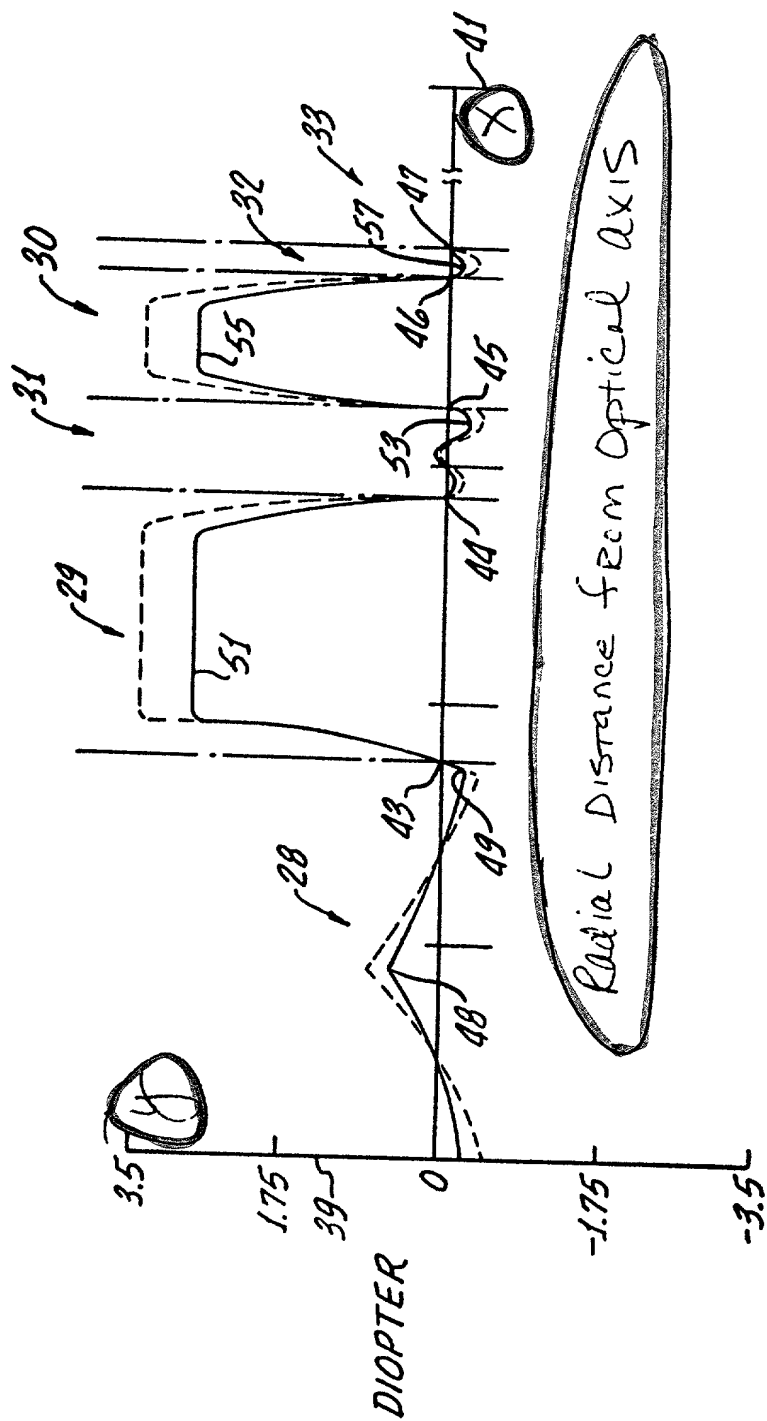


FIG. 3.

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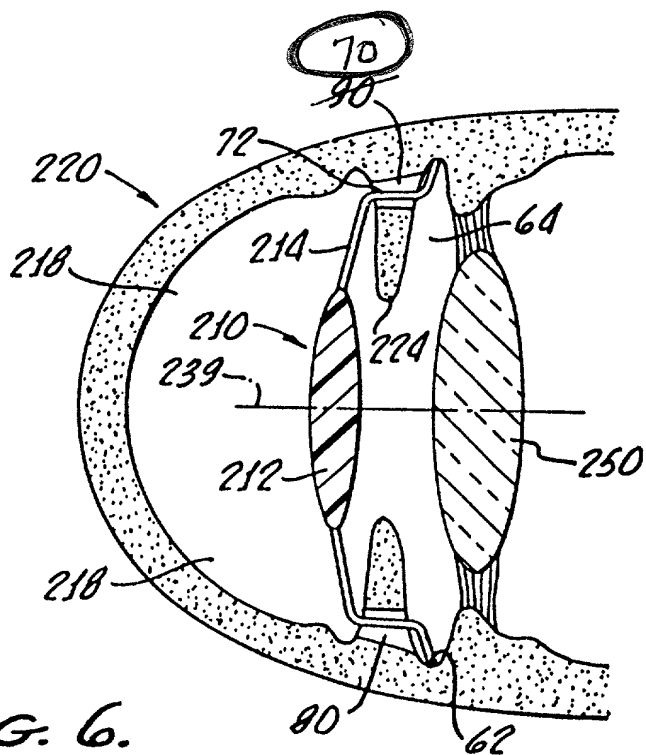


FIG. 6.

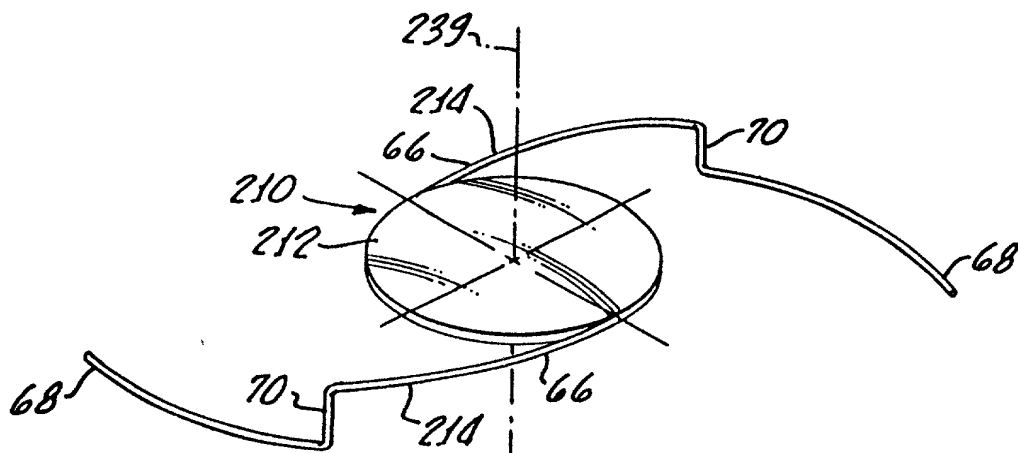


FIG. 7.